

I 次の英文の空所に入る語句として最も適切なものを、空所 ~ については Set A, 空所 ~ については Set B の中からそれぞれ一つずつ選び、その番号をマークしなさい。なお、Set A と Set B 内の番号はどちらも一度ずつしか使えないが、不要な選択肢がそれぞれ二つずつ含まれている。

Henry: Hi Alex! ...Alex?

Alex: Oh, hey! Sorry, I was something on my phone and didn't hear you at first.

Henry: No problem! What is it about?

Alex: It's an article about a new esports gym opening downtown.

Henry: Esports? Isn't that like video games?

Alex: You could say that.

Henry: Isn't a gym for video games a bit of a ?

Alex: I don't think so.

Henry: But sports and gyms are about moving your body. With esports people only sit in front of a computer, don't they?

Alex: Well, it's true that you don't move around very much in esports, but in other ways they're like sports.

Henry: How can moving a cursor around on a screen be like kicking a football?

Alex: Well, you've got to have a lot of the same skills. For instance, you need good reflexes and for both. The fastest person doesn't always win, but speed certainly helps!

Henry: I see what you're , but that's still not as active as football. You can't really get a workout playing esports.

Alex: Maybe, but you can get a workout! But you're right, esports players need to spend time exercising too if they want to stay healthy.

Set A

① common

② contradiction

③ coordination

④ just

⑤ mental

⑥ reading

⑦ saying

⑧ watching

Henry: That's what I mean. Esports and sports are totally different things.

Alex: But there are other ways in which they're identical.

Henry: Go on.

Alex: For thing, they both require team work, strategy, and determination.

Henry: That's a good point.

Alex: And if you want to get really good, you've got to put in a lot of time practicing.
Training is important too.

Henry: So that's why esport players also need to go to the gym.

Alex: Exactly! Now you . It's a booming too, with lots of professional players and fans.

Henry: Wow, so it has almost everything that football does.

Alex: In some ways it has much more than football. Have you ever killed a dragon or saved the world during a football match?

Henry: When you say it like that, I can start to understand why people take esports so . But I still think I'll to football myself!

Set B

① find out

⑤ one

② get it

⑥ practically

③ industry

⑦ seriously

④ move

⑧ stick

Ⅱ 次の英文を読み，各設問に答えなさい。なお，文章の左にある [1] ～ [5] は各段落の番号を表したものである。

著作権の都合上，省略。

著作権の都合上、省略。

*sabbatical: (大学の教授などに与えられる) 長期研究休暇

**ground beef: 牛ひき肉

***heme: ヘム, 生体内に存在する鉄とポルフィリンの錯化合物

問1 文中で使われている下線部(ア)~(オ)の意味として最も適切なものをそれぞれ①~⑤の中から一つ選び、その番号をマークしなさい。

(ア) intensity 13

- ① influence ② magnitude ③ quality
④ profit ⑤ balance

(イ) renowned 14

- ① competitive ② huge ③ original
④ new ⑤ well-known

(ウ) consumed 15

- ① given ② eaten ③ prepared
④ conserved ⑤ inspected

(エ) definitely 16

- ① undoubtedly ② faintly ③ increasingly
④ extensively ⑤ approximately

(オ) neglected 17

- ① ruined ② overcome ③ defended
④ ignored ⑤ maintained

問2 第2段落の下線部(1)“the second-biggest contributor”になっている理由の説明として本文に言及のあるものを①~⑥の中から三つ選び、その番号をマークしなさい。

18 19 20

- ① 電気を大量に使用する
② 大量の水を使用する
③ 多大な労働力を要する
④ 多量の廃棄を行う
⑤ 多くの土地を要する
⑥ 多量の温室効果ガスの排出を伴う

問3 第2段落の下線部(2)にあるBrown氏が実施した“market-driven approach”とは、この場合具体的にどのような方法か、最も適切なものを①～⑤の中から一つ選び、その番号をマークしなさい。

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- ① 食材の部分や部位を厳選して提供する方法
- ② 消費者の常習性の高い嗜好品を調査してその結果を用いる方法
- ③ 消費者が好むであろう要素を考慮して食材を提供する方法
- ④ 市場調査に基づき適量の食材を出荷する方法
- ⑤ 環境に悪影響を及ぼす可能性のある食品を法的に排除していく方法

問4 問3にある“market-driven approach”をBrown氏が採用した理由として最も適切なものを①～⑤の中から二つ選び、その番号をマークしなさい。

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- ① 法的な規制を加えることで人々はよりよい選択ができるようになるから。
- ② 肉や乳製品は必要な栄養源であり、人々に必要とされるから。
- ③ 人々は簡単に肉を食すことをやめないから。
- ④ 政府が食肉に関する法的措置を行うことは期待できないから。
- ⑤ 人間と自然との関わりが重要と考えているから。

問5 第3段落の下線部(3)“practice”と最も近い意味で使われている文を①～④の中から一つ選び、その番号をマークしなさい。

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- ① You need a lot of practice to become fluent in a language.
- ② It's common practice in the US to tip the waiters at restaurants.
- ③ I'm not sure how this plan is going to work in practice.
- ④ He became a lawyer in private practice after several years of hard work.

問6 第3段落の下線部(4)“seed funding”の意味に最も近いものを①～⑤の中から一つ選び、その番号をマークしなさい。

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- ① internship at a company
- ② special food industry investment
- ③ money for planting new seeds
- ④ permission to use industry-specific consulting
- ⑤ money given to a startup company

問7 Impossible Foodsの製品“Impossible”の原料に含まれていないものを①～⑥の中から二つ選び、その番号をマークしなさい。

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- ① water
- ② coconut fat
- ③ wheat
- ④ potatoes
- ⑤ heme
- ⑥ beef

問8 第4段落の下線部(5)“This points to a huge opportunity”と書かれている理由として最も適切なものを①～⑤の中から一つ選び、その番号をマークしなさい。

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- ① 米国の3,000以上のレストランで扱われているから。
- ② カリフォルニアの工場では月50万キログラムもの食肉を生産しているから。
- ③ 今後の市場が拡大すると予測されるから。
- ④ 世界的な展開が進みつつあるから。
- ⑤ 食品ロスを軽減できるという利点があるから。

問9 Brown氏の目指す目標を説明しているものとして最も適切なものを①～⑥の中から二つ選び、その番号をマークしなさい。

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- ① インパクトのある技術を使い、より健康な食肉用の動物の育成を行うこと
- ② 食料品の生産から消費に至る過程を健全かつ安全なものにし、環境への負荷を減らすこと
- ③ 動物を食料品の流通の中から排除していくこと
- ④ 科学的なイノベーションではなく、自然回帰による安全な食の仕組みを作ること
- ⑤ 環境保全を大前提に畜産業を発展させていくこと
- ⑥ 若者に人気がある果物の生産分野を科学の力で飛躍的に発展させること

Ⅲ 次の英文を読み，下記の問いの答えとして最も適切なものをそれぞれの選択肢の中から一つずつ選び，その番号をマークしなさい。なお問9については，二つ選び，その番号をマークしなさい。

著作権の都合上，省略。

著作権の都合上、省略。

*plaque: 金属などでできた記念プレート

**extraterrestrial: 地球外の生物

問 1 Which of the following best describes the meaning of the underlined phrase (a)?

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- ① a surprising performance
- ② a varied collection
- ③ an exciting mix
- ④ an intelligent list

問 2 Which of the following uses the word “realized” in the same way as the underlined word (b)?

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- ① Last year, the company realized an incredible return on its investments.
- ② By winning the tournament, the tennis player realized a long-held dream.
- ③ He only realized what was wrong with his homework after it was too late.
- ④ You must train regularly to realize your full potential as a professional athlete.

問 3 According to the underlined sentence (c), why did Ferris agree to join the project?

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- ① He thought that if he could choose the music himself, the record would be perfect.
- ② He thought that he was especially suitable for the project, because he had been interested in music and astronomy for a long time.
- ③ He had always thought it would be perfect to combine music and astronomy in the same project.
- ④ He had always thought more people should be interested in music and astronomy, and that the project would be the perfect way to promote them both.

問 4 Who suggested that the song ‘Dark Was the Night’ by Blind Willie Johnson should be included on the record?

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- ① Ann Druyan
- ② Carl Sagan
- ③ Chuck Berry
- ④ Timothy Ferris

問5 Which of the following best describes the meaning of the underlined passage (d)?

35

- ① They thought aliens might be more interested in studying a practical subject like mathematics than in listening to music.
- ② They thought aliens might not be interested in listening to music as frequently as humans do.
- ③ They thought aliens might be interested in the mathematical structure of music, even if they were not able to hear it.
- ④ They thought aliens might be interested in listening to music in the background while studying mathematics.

問6 Which of the following best describes the team's decision about whether or not to include music by Bob Dylan?

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- ① Bob Dylan's music was included because they thought it would be a great example of English poetry.
- ② Bob Dylan's music was included, but only after making cuts to the large amount of English poetry.
- ③ Bob Dylan's music was not included because they thought aliens would not be able to appreciate his English poetry.
- ④ Bob Dylan's music was not included because they thought it would be better to have poetry in a language other than English.

問7 Which of the following best describes the meaning of the underlined passage (e)?

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- ① Listening to music helps encourage people's interest in knowing more about the mysteries of space.
- ② The further from nature a piece of music is, the more mysterious it sounds.
- ③ Music is one of the most interesting and mysterious things in all of nature.
- ④ Humanity's love of music and interest in exploring space are both mysterious.

問 8 Which of the following was NOT included on the Voyager Golden Records? 38

- ① Greetings in several languages.
- ② A song by Jimmy Iovine and John Lennon.
- ③ The sound of a human heart.
- ④ Classical music played by Glenn Gould.

問 9 Which two of the following are true about the team that assembled the recordings for the Voyager Golden Records? 39 40

- ① Their members included artists, writers and astronomers.
- ② They were selected for the project because they were all working as engineers at NASA.
- ③ They were nominated for the Pulitzer Prize because of their work.
- ④ They only had a few months to decide what music they wanted to include.
- ⑤ They were all fans of classical music, especially Beethoven and Mozart.
- ⑥ Their members included citizens of Peru, New Guinea, and Senegal.
- ⑦ They went into space together on Voyager 1 and Voyager 2 in summer 1977.

問10 Throughout the article, there are many images used to describe the Voyager Golden Records. Of the four phrases underlined with a wavy line, which one is NOT an image describing the records? 41

- ① a gift across the cosmic ocean from one island of civilization to another
- ② a link in the cloud at the speed of light
- ③ a portrait of the earth in musical terms
- ④ a note in a bottle

IV 次の英文(1), (2)に続く(a)~(d)の文章の順序として最も適切なものをそれぞれ①~⑥の中から一つ選び, その番号をマークしなさい。

(1)

著作権の都合上, 省略。

- ① (a) - (b) - (c) - (d)
- ② (a) - (c) - (d) - (b)
- ③ (b) - (a) - (c) - (d)
- ④ (b) - (d) - (a) - (c)
- ⑤ (c) - (a) - (b) - (d)
- ⑥ (c) - (d) - (a) - (b)

(2)

著作権の都合上、省略。

- ① (a)－(c)－(b)－(d)
- ② (a)－(d)－(b)－(c)
- ③ (a)－(d)－(c)－(b)
- ④ (c)－(a)－(d)－(b)
- ⑤ (c)－(b)－(a)－(d)
- ⑥ (c)－(d)－(b)－(a)

V 次の英文(1), (2)の空所 (ア) ~ (ウ) に入る最も適切な語句をそれぞれ①~④の中から一つ選び, その番号をマークしなさい。

(1)

著作権の都合上, 省略。

(ア) 44

- ① outdoor ② outdoors ③ in outdoor ④ in outdoors

(イ) 45

- ① laying ② lieing ③ lyeing ④ lying

(ウ) 46

- ① permits ② permitted ③ permitting ④ permission

(2)

著作権の都合上, 省略。

(ア) 47

- ① originated ② was originated ③ originating ④ original

(イ) 48

- ① how ② when ③ since ④ until

(ウ) 49

- ① be ② were ③ did ④ had